

## **ANTENNA ARRANGEMENT AND SYSTEM**

### **ABSTRACT OF THE DISCLOSURE**

An antenna arrangement for identifying an identification element in communication with an object located in an enclosure having a “null” signal region. The antenna arrangement includes a primary antenna loop element positioned in operable communication with the enclosure and the identification element positioned within the enclosure. The primary antenna loop element communicates with the identification element and receives a signal from the identification element, thereby tracking the object associated therewith. A feed point mechanism communicates with the antenna loop element and energizes the antenna loop element, transmits signals and/or receives signals. The arrangement includes a subsequent antenna element in communication with the enclosure and the identification element positioned within the enclosure, and the subsequent antenna element substantially eliminates the signal “null” region, such that at least one of the primary loop element and the subsequent antenna element can communicate with the identification element.